

TITLE

PLANT LIPOXYGENASES
ABSTRACT OF THE DISCLOSURE

This invention relates to isolated nucleic acid fragments encoding
5 lipoxygenases. The invention also relates to the construction of recombinant DNA
constructs encoding all or a portion of the lipoxygenase, in sense or antisense
orientation, wherein expression of the recombinant DNA construct results in
production of altered levels of the lipoxygenase in a transformed host cell.

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PG/dmm